

# Assessment on Perfect Square Trinomials

For this online assessment, copy the problems onto a sheet of paper and work them out by hand. Submit your written work in class after you use it to complete this online assessment.

Your username ([tom\\_vizza@sdst.org](mailto:tom_vizza@sdst.org)) will be recorded when you submit this form. Not **tom\_vizza**?

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\* Required

Last Name \*

First Name \*

## 1. Please fully factor the expression below.

Do not use capitals or spaces in your answer. Do not use the asterisk for multiplication. Use the ^ for expressions containing exponents. An acceptable form would be something like  $-3(x-4+2x^2)$ .

$$x^2 + 20x + 100$$

## 2. Please fully factor the expression below.

Do not use capitals or spaces in your answer. Do not use the asterisk for multiplication. Use the ^ for expressions containing exponents. An acceptable form would be something like  $-3(x-4+2x^2)$ .

$$y^2 - 18y + 81$$

## 3. Please fully factor the expression below.

Do not use capitals or spaces in your answer. Do not use the asterisk for multiplication. Use the ^ for expressions containing exponents. An acceptable form would be something like  $-3(x-4+2x^2)$ .

$$25x^2 - 20xy + 4y^2$$

**4. Please fully factor the expression below.**

Do not use capitals or spaces in your answer. Do not use the asterisk for multiplication. Use the ^ for expressions containing exponents. An acceptable form would be something like  $-3(x-4+2x^2)$ .

$$3b^2 + 24b + 48$$

**5. Please fully factor the expression below.**

Do not use capitals or spaces in your answer. Do not use the asterisk for multiplication. Use the ^ for expressions containing exponents. An acceptable form would be something like  $-3(x-4+2x^2)$ .

$$4m^2 - 48m + 144$$

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